

# Absolute 7.1 Release Notes

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## Absolute 7.1, Service Pack 2

The following fixes to existing features and functionality are introduced in Service Pack 2 or a hotfix released after Service Pack 1.

**NOTE** Depending on the [Absolute products](#) associated with your account, some of the following fixes may not be applicable.




Feature/Area	Fixes
Android support	<ul style="list-style-type: none"> <li>For Android devices running version 3246 of the Absolute agent for Androids, the device's IMEI is now detected and shows in the <b>Equipment ID</b> column of the Mobile Devices Report.</li> <li>On the Download Packages page, the <b>Supported Platforms</b> column now shows "Android 4.2.2 and higher" for Android agent version 3246.</li> </ul>
Chromebook support	<ul style="list-style-type: none"> <li>For <i>newly activated</i> Chromebook devices, the Hardware policy is now activated as expected, allowing you to view enhanced hardware information for these devices in the console.</li> </ul>
Endpoint Data Discovery (EDD)	<ul style="list-style-type: none"> <li>When an EDD scan runs on a device with Controlled Folder Access enabled in Windows Defender, a Windows Defender alert no longer shows to the user when a controlled folder is scanned.</li> </ul>
Policy Groups	<ul style="list-style-type: none"> <li>When you open a policy group and view its devices on the Devices page, devices with an Agent Status of Disabled or Inactive no longer show in the grid. Now only Active devices show.</li> </ul>
Public API Tokens	<ul style="list-style-type: none"> <li>When you generate a secret key for a new API Token, the key is now a 512 bit random number. Previously, the generated key was 122 bits.</li> </ul>
Reports	<ul style="list-style-type: none"> <li>You can now export the Event History report by clicking <b>Report Options &gt; Export</b>.</li> <li>The following columns now show by default in the Event History report:                             <ul style="list-style-type: none"> <li><b>Device Name</b></li> <li><b>Event Details &gt; Script Return Code</b></li> </ul> </li> <li>For Lenovo computers, the model name now shows correctly in the <b>Model</b> column in reports.</li> <li>The Anti-Malware report now shows the following anti-malware applications when they are detected on Mac devices:                             <ul style="list-style-type: none"> <li>McAfee Endpoint Security 10.2.1</li> <li>ESET Endpoint Antivirus 6.4.246.0</li> </ul> </li> </ul>
Security Actions	<ul style="list-style-type: none"> <li>When you add the <b>Device Freeze &gt; Status</b> column to a report and your account is upgraded to Absolute 7 Device Freeze, the column now shows a status of Frozen if a device is frozen.</li> <li>When you submit a Data Delete request, you no longer see an error message stating that an issue exists with the device's hard drive serial number. Previously, this error message may have showed if the device's hard drive serial number contained unexpected characters that prevented the Absolute agent from detecting it correctly.</li> </ul>
User Awareness	<ul style="list-style-type: none"> <li>When you open the User Activity page for an account with a very large number of users, the request no longer times out before the full list of users shows on the page's sidebar.</li> </ul>

In addition, Service Pack 2 and the hotfixes that precede it introduce a number of performance improvements that enhance the responsiveness and reliability of the system.

## Absolute 7.1, Service Pack 1

Service Pack 1 of Absolute 7.1 (version 7.1.1) introduces the following fixes to existing features and functionality:

**NOTE** Depending on the [Absolute products](#) associated with your account, some of the following fixes may not be applicable.

Feature/Area	Fixes
Classic Groups	<ul style="list-style-type: none"> <li>On the Create and Edit Device Group page, you can now use the <b>Upload a List of Devices</b> option to successfully add devices to a device group without generating an <b>Error</b> entry on the Import Device Groups Status page in  &gt; <b>Import/Export</b>. To view the status of this type of device upload, go to  &gt; <b>Classic Reports &gt; My Content &gt; My Reports</b>.</li> </ul>
Event History	<ul style="list-style-type: none"> <li>On the Event History report or a device's Event History page, users can no longer view a script's command line parameters. These parameters are removed because they may contain confidential user data.</li> </ul>
Geofences	<ul style="list-style-type: none"> <li>Custom user roles that are granted View permissions for Geofences can now view the Geofences page in the Device Management area.</li> </ul>
Localization	<ul style="list-style-type: none"> <li>When the Default Language and Locale in your User Profile is set to one of the following languages, you can now create a Scheduled Freeze request without receiving an error message when you attempt to set the scheduled date in the Calendar picker: <ul style="list-style-type: none"> <li>Chinese</li> <li>Japanese</li> <li>Korean</li> <li>Portuguese</li> <li>Spanish</li> </ul> </li> <li>When the Default Language and Locale in your User Profile is set to a language other than English, you can now see Absolute announcements when you click  on the quick access toolbar and then click a highlighted date on the calendar.</li> <li>The following Service Request Forms are now available on the Support page in all localized languages: <ul style="list-style-type: none"> <li>Geolocation Authorization Agreement</li> <li>Security Administration Authorization Agreement</li> <li>System Administration Authorization Agreement</li> </ul> </li> </ul>
Password management	<ul style="list-style-type: none"> <li>The email address field on the Reset Password dialog now supports all valid email address domains.</li> <li>In the following notification emails, the link to create or reset your password no longer expires prematurely: <ul style="list-style-type: none"> <li>Activate your Absolute Account</li> <li>Absolute Recover Password</li> </ul> </li> </ul>

Feature/Area	Fixes
Reports	<ul style="list-style-type: none"> <li>● For devices running a <i>supported</i> version of the following Windows operating systems, <b>Bitlocker is not supported</b> no longer shows in the Status column of the Full-Disk Encryption Status Report (in Classic Reports): <ul style="list-style-type: none"> <li>○ Windows Ultimate (versions E and N)</li> <li>○ Windows Enterprise (versions E and N)</li> </ul> </li> </ul> <p>Similarly, <b>Not Detected</b> no longer shows in the Encryption &gt; Status column of the Full-Disk Encryption Status report. In each report, the detected encryption status now shows.</p> <p>In addition, for devices running these Windows operating systems, <b>Not compliant</b> no longer shows in the Application Persistence &gt; BitLocker &gt; Status column of an Application Persistence report when BitLocker is enabled and functioning correctly. Furthermore, if BitLocker isn't functioning correctly, the Absolute agent now attempts to repair it.</p> <ul style="list-style-type: none"> <li>● The Last Connected (UTC) date and time in the Active Devices report is now consistent with the Last Call date and time in Classic reports.</li> <li>● Microsoft Office 365 is now reported correctly in Software reports when the application is detected on a device.</li> </ul>
Security actions	<ul style="list-style-type: none"> <li>● If your organization uses emailed authorization codes to authorize security actions, an authorization code is now always emailed to you when you create a Data Delete or Device Freeze request in the Administration area. Previously, in some cases, the email wasn't sent.</li> <li>● When you submit a bulk device action request and the device identifiers in the uploaded file contain extra spaces, the devices are now processed as expected.</li> </ul>
Software Catalog	<ul style="list-style-type: none"> <li>● The Apptria Software Catalog, which applies the correct names to applications in your software reports, is updated to version 120.10.</li> </ul>
User Awareness	<ul style="list-style-type: none"> <li>● On a user's Activity page in the User Awareness area, the total <b>Session</b> duration for a device is now consistently accurate.</li> </ul>
User roles	<ul style="list-style-type: none"> <li>● View permissions for the following Device Actions are now granted by default to Administrators, Power Users, and all custom roles: <ul style="list-style-type: none"> <li>○ Delete Data</li> <li>○ Freeze Device</li> </ul> </li> </ul> <p>As a result, Administrators and Power Users can now view Device Freeze Messages in the Administration area.</p>

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# Absolute 7.1

Absolute 7.1 is an incremental feature release that builds on Absolute 7.0 and offers new features, feature enhancements, improvements, and fixes.

## Features and enhancements

Absolute 7.1 introduces the following new features and feature enhancements:

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**NOTE** Depending on the [Absolute products](#) associated with your account, some of the following feature enhancements may not be available to you.

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- **Absolute Reach:**
  - **Script Library:** A new feature, Script Library, is now available in the Administration area. You can use the Script Library to upload and manage the scripts that you want to run on your Windows and Mac devices. After you've added scripts to the Script Library, authorized users can create Script requests to run the uploaded PowerShell and Bash scripts on devices.
  - **Absolute scripts:** The Script Library includes a collection of default scripts created and published by Absolute. You may want to run one or more of these scripts on your devices to perform common device management tasks.

On the Script Library sidebar, Absolute scripts are indicated by a green <> icon and show the script author as *Absolute*. These scripts can't be edited or deleted.

For more information about working with the Script Library and running Absolute scripts, see *Getting started with the Script Library* in the online Help.

- **Announcements:** Absolute announcements are now organized in a calendar. To view announcements about upcoming releases and maintenance outages, click  on the quick access toolbar and click a date on the calendar.

For more information, see *Viewing Absolute announcements* in the online Help.

- **Application Persistence:**
  - **Application Persistence policies:**
    - Application Persistence policies now support the following third party applications installed on your devices:
      - ESET® Endpoint AntiVirus
      - Ivanti® Patch for Windows
      - Pulse Connect Secure

Application Persistence policies collect information about the functional status of third party applications installed on your Windows devices. You can also configure the policy to attempt to repair an application if it is non-functional, or reinstall it if it's missing or failed to be repaired.

For more information about configuring and activating these policies, see *Getting started with Application Persistence policies* in the online Help.

- The Application Persistence: BitLocker policy has been enhanced. If you use Microsoft BitLocker Administration and Monitoring (MBAM) to manage BitLocker, you can now configure the policy to reinstall a device's MBAM client if it's missing or can't be repaired.

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For more information, see *Configuring Application Persistence: BitLocker policies* in the online Help.

- **Application Persistence Events report:** A new predefined report is available on the Applications > Reports page. The Application Persistence Events report shows the number of times the Absolute agent on each device attempted to repair or reinstall persisted applications in the last 30 days.

For more information, see *Application Persistence Events report* in the online Help.

- **Dashboard:** A new dashboard is now available in the Applications area. Use the Dashboard to view the following widgets:
  - Application Persistence Summary widget: This widget is based on the Application Persistence report and shows the number of devices that are reporting a status of *Not Compliant* for each of the third party persisted application. This widget was available on the Home page in release 7.0.
  - Application Persistence Device Ranking widget: This widget is based on the Application Persistence Events report and shows the devices with a persisted application with the *most* attempted or successful repairs or reinstallations in the last thirty (30) days.

For more information, see *Viewing the Applications Dashboard* in the online Help.

- **Endpoint Data Discovery (EDD):** You can now exclude individual files from EDD scan results.

After reviewing the results of an EDD scan, you may find that a file's matched content does not pose a risk. You can now set the file's Reporting Status to **Ignore on all devices**, which excludes the file from all EDD scan results for *all* devices on which the file exists. As long as the file content remains unchanged, the file will be excluded. On the next EDD scan, each device's Match Score is updated to reflect that the file is now ignored.

For more information, see *Changing the reporting status of files with EDD matches* in the online Help.

- **Freeze enhancements:** Depending on the configuration of your account, the following enhancements may be available:

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**IMPORTANT** The enhancements described in this section apply to only those accounts that are upgraded to Absolute 7 Device Freeze. You'll know that your account is upgraded if the Device Actions menu in the Active Device report includes the following options:

**Freeze, Conditional Freeze, and Remove Freeze.**

For those customers using the classic (DDS 5) Device Freeze feature, Absolute is in the process of upgrading your account to the new Absolute 7 feature. After the upgrade process is completed, you'll see an Absolute announcement notifying you that Device Freeze enhancements are now available.

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- **Conditional Freeze:** You can now create a Conditional Freeze request to automatically freeze *Windows* and *Mac* devices if they have been offline (not contacted the Absolute Monitoring Center) for a specified number of days. You can use this feature to ensure that your devices are protected even when they are powered off, or a network connection is not available.

For more information, see *Freezing offline devices* in the online Help.

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- **Scheduled Freeze:** You can now create a Scheduled Freeze request to schedule a *Windows* or *Mac* device to be frozen on or after a particular date. The device will be frozen on the next successful connection to the Absolute Monitoring Center on or after that date.  
For more information, see *Freezing devices* in the online Help.
  - **Remove Freeze:** The Cancel Freeze and Unfreeze features are replaced by a new feature, **Remove Freeze**. Submit a Remove Freeze request to cancel a newly submitted request or unfreeze a frozen device. You can also use this feature to remove a Conditional Freeze request, or cancel a Scheduled Freeze request that is set for a future date.  
For more information, see *Submitting Remove Freeze requests* in the online Help.
  - **Device Freeze Messages:** The Manage Device Freeze Message feature, which was originally part of DDS 5, is now available as a new item, Device Freeze Messages, in the Administration area. The feature is redesigned and has a new look and feel. In addition, the new area includes a built-in HTML message editor. You can insert images and format the message text using tables and text formatting, including text and background colors.  
For more information, see *Adding Freeze messages* in the online Help.
  - **Chromebook support:** You can now select a Chromebook device in a report and submit an On-demand Freeze request. You can also submit a request from the device's Device Details page. All submitted Freeze requests for Chromebook devices show in the Event History report.
  - **Event History report:** The Event History report now includes Freeze related events. View the report to see the status of all new, pending, and completed On-demand and Scheduled Freeze requests, Conditional Freeze requests, and Remove Freeze requests. You can also select devices in this report and submit a request.

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**NOTE** If you used the Device Freeze feature in a prior version of the Absolute console, you can view historical Device Freeze data in the Event History report.

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For more information, see *Event History report* in the online Help.

- **Device Details:** If a device has outstanding Freeze requests, the device's Device Details page now includes a new section, **Device Freeze Status**. The section shows the Status and Unfreeze code for each type of active Freeze request.  
For more information, see *Viewing device details* in the online Help.
- **Device Details: Event History page:** A device's Event History page now includes Freeze related events. Open the page to see the status of all new, pending, and completed On-demand and Scheduled Freeze requests, Conditional Freeze requests, and Remove Freeze requests for the device.


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**NOTE** If you used the Device Freeze feature in a prior version of the Absolute console, you can view historical Device Freeze data for the device on its Event History page.

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For more information, see *Viewing the event history for a device* in the online Help.

- **Absolute APIs:**

- The following public-facing APIs are now available:
  - **Device Report API:** This API provides support for requesting, querying, and reporting on the device inventory data categories, which includes hardware, device platforms, and features your organization has purchased. For more information about working with this API, go to <https://www.absolute.com/api> and see *Device Report API*.
  - **Custom Device Fields API:** This API provides a list of custom device fields associated with your devices and the ability to assign custom device fields to a specific device in your account. For more information about working with this API, go to <https://www.absolute.com/api> and see *Custom Device Fields API*.
- **API Tokens:** API tokens are required for authentication and authorization of the API. You can generate an API token by logging in to the Absolute console and clicking  > **API Token** on the quick access toolbar. For more information, go to <https://www.absolute.com/api> and see *Working with Absolute APIs*.

For more information about preparing requests for public Absolute APIs, authenticating requests, and working with various filtering and sorting parameters used in Absolute APIs, go to <https://www.absolute.com/api> and see *Working with Absolute APIs*.

- **Upload File for Bulk Device Action:** You can now upload a .csv or .txt file of device identifiers and submit a single request to perform one of the following device actions:
  - Freeze
  - Conditional Freeze
  - Remove Freeze
  - Run Script
  - Cancel Script
  - Perform EDD Scan
  - Unenroll Device

The number of device identifiers that you can include in the file ranges from 1000 to 10,000 depending the device action you want to perform. To access this feature in the Absolute console, on the quick access toolbar click  > **Upload File for Bulk Device Action**.

For more information, see *Submitting a bulk device action request* in the online Help.

- **User Management:** In the User Management area, you can now view the roles that a given role can manage. Managing a role includes assigning the role to users and editing users assigned to that role. To view this type of information, in the Roles area select a role and open its Manageable Roles page. In addition, if you are authorized to create custom roles, you can now specify the roles that the new custom role can manage.  
For more information, see *Getting started with roles* and *Editing managed roles for a role* in the online Help.

## Improvements and fixes

Absolute 7.1 introduces numerous performance, security, and usability improvements that enhance the responsiveness, reliability, and ease of use of the system.


This release also introduces the following improvements and fixes to existing features:

**NOTE** Depending on the Absolute products associated with your account, some of the following improvements and fixes may not be available to you.

Feature/Area	Improvements and fixes
<b>Absolute Reach</b>	<ul style="list-style-type: none"> <li>• If your PowerShell script contains the parameter, "AlwaysRun32bits":true, and you run the script on a 64-bit Windows device, the script now runs on the 32-bit version of PowerShell instead of the 64-bit version.</li> <li>• For Mac devices running macOS 10.9, Bash scripts are now terminated if the Maximum Run Time is exceeded.</li> <li>• For Windows devices, if there are multiple PowerShell script requests submitted for a device, the scripts now run in the order in which they were submitted.</li> </ul>
<b>Application Persistence report</b>	<ul style="list-style-type: none"> <li>• The information shown in the report's Status Details column has been improved. The column now contains details about attempted and successful repairs. The information is also more detailed, descriptive, and readable, allowing you to better understand which application components caused an application to become non-compliant and what was done to repair it. For more information, see <i>Understanding Status Details for a persisted application</i> in the online Help.</li> </ul>
<b>Applications &gt; Reports</b>	<ul style="list-style-type: none"> <li>• The Software Reports page in the Applications area is now labeled "Reports". In addition, the Application Persistence report is now available in this area instead of in the Find Devices area.</li> </ul>
<b>Authentication</b>	<ul style="list-style-type: none"> <li>• Passwords complexity requirements are now consistent with the requirements stated on the Create Password dialog. They now require at least two alphabetic characters, instead of at least two <i>lowercase</i> alphabetic characters.</li> <li>• If you open the Login page for the Absolute console and then wait 10 minutes or more to log in, you can now log in successfully. Previously, your login attempt may have failed.</li> </ul>
<b>Classic Reports</b>	<ul style="list-style-type: none"> <li>• When a secondary network adapter is removed from a device, the <b>Status</b> of that event now shows as <i>Removed</i> instead of <i>Changed</i> in the Hardware Configuration and OS Change Report.</li> <li>• In the Call History Report, when you use the report's Search Criteria filters to search for a specific device, the filtered report now loads as expected.</li> </ul>
<b>Custom Device Fields</b>	<ul style="list-style-type: none"> <li>• In the Administration &gt; Data area, the pages related to Custom Device Fields now have a new look and feel.</li> </ul>
<b>Device Details</b>	<ul style="list-style-type: none"> <li>• The field label <b>OS Version</b> is changed to <b>OS Name</b> to more accurately reflect the data shown in the field.</li> </ul>
<b>End User Messages</b>	<ul style="list-style-type: none"> <li>• When you insert one or more date-based Custom Device Fields in an End User Message, all dates that the user enters now show correctly in the applicable Custom Device Field in the Absolute console. Previously, if the day was greater than "12", the date was blank.</li> <li>• On a device running the Windows 7 operating system and Internet Explorer 11, Internet Explorer no longer stops working when a user attempts to view an End User Message.</li> </ul>



Feature/Area	Improvements and fixes
<b>Endpoint Data Discovery</b>	<ul style="list-style-type: none"> <li>● The three Endpoint Data Discovery reports have been renamed to improve readability. The reports' names were updated as follows:               <ul style="list-style-type: none"> <li>○ The Endpoint Data Discovery Match Score Summary report is now the <b>Match Score Summary</b> report</li> <li>○ The Endpoint Data Discovery History report is now the <b>History</b> report</li> <li>○ The Endpoint Data Discovery Reporting Data report is now the <b>Reporting Data</b> report</li> </ul> </li> <li>● The <b>Encryption &gt; Status</b> column now shows by default in the following Endpoint Data Discovery reports:               <ul style="list-style-type: none"> <li>○ Match Score Summary</li> <li>○ Data Risk Assessment</li> </ul> </li> <li>● When you configure and activate an Endpoint Data Discovery policy, the policy is now consistently activated as expected. Previously, in some cases, an <i>Error activating policy</i> message showed after you clicked <b>Activate</b> on the Activate policy confirmation dialog.</li> <li>● When you click <b>Perform EDD Scan</b> on the Perform EDD Scan dialog, the request is now submitted successfully and the scan runs on the device after its next agent connection.</li> <li>● In Endpoint Data Discovery reports, if a policy group name includes an apostrophe ('), the name is no longer truncated in the report's Policy Group column.</li> <li>● On a device's Endpoint Data Discovery Summary page, when you remove protection from a file that is protected using Microsoft Azure Information Protection, the device's AIP Status now remains set to <i>1 file protected</i> until the Remove Protection request is processed on the device.</li> </ul>
<b>Help and Support</b>	<ul style="list-style-type: none"> <li>● <b>Service Request Forms:</b> Links to the following Service Request forms are now available on the Support page instead of the Documentation page:               <ul style="list-style-type: none"> <li>○ <i>System Administration Authorization Agreement</i></li> <li>○ <i>Security Administration Authorization Agreement</i></li> <li>○ <i>Geolocation Authorization Agreement</i></li> <li>○ <i>RSA SecurID Token Transfer Form</i></li> <li>○ <i>Security Options Evaluation Agreement</i></li> </ul> </li> <li>● <b>Documentation page:</b> The Documentation page now has a new look and feel. Click each of the four tiles to access the online Help and supplemental documentation. All user guides, agent installation guides, release notes, and technical documents are now included in the online Help in PDF format. You can find them in the Table of Contents under <i>Absolute User Guide and additional resources</i>.</li> </ul>
<b>Home Dashboard</b>	<ul style="list-style-type: none"> <li>● When you log in to the Absolute console, the Absolute 7 Home Dashboard now shows in all instances. Previously, the Home page, which was available in previous versions of Absolute, showed in some instances.</li> </ul>
<b>Language support</b>	<ul style="list-style-type: none"> <li>● When a user receives a Reset Password email in Japanese and Korean, the email text is now complete and no longer contains strings of question marks (?).</li> </ul>

Feature/Area	Improvements and fixes
<b>Search functionality</b>	<ul style="list-style-type: none"> <li>You can now search for items in the following areas of the console: <ul style="list-style-type: none"> <li>Find Devices</li> <li>Device Management &gt; Device Groups, including Classic Groups</li> <li>Policy Groups</li> <li>Administration</li> </ul> </li> </ul> <p>To search for an item, click  near the bottom of the sidebar to open the Search field and begin typing the name of the item. The list of items in the sidebar updates dynamically as you type.</p>
<b>Software policies</b>	<ul style="list-style-type: none"> <li>When the Software policy is activated in a policy group, activating another policy no longer triggers the devices in the policy group to be scanned for new or updated software information.</li> </ul>
<b>User Awareness</b>	<ul style="list-style-type: none"> <li>On the Activity page for a user, the device's serial number now shows in the Serial Number field instead of the Identifier.</li> <li>The Activity page for a user no longer shows a time associated with an event date. This value was removed because the data is aggregated over a 24-hour period, so the time the date was uploaded is irrelevant.</li> </ul>
<b>User Management</b>	<ul style="list-style-type: none"> <li>When you create a custom role and assign <i>Perform</i> permissions to the role for Data Delete and/or Device Freeze, the permissions are now granted to the role.</li> </ul>

## Contacting Technical Support

If you have difficulty using the Absolute console or any of its components, contact Absolute Technical Support. We welcome your questions, comments, and feature requests. Visit us at [www.absolute.com/support](http://www.absolute.com/support) and follow the instructions on the page to contact technical support in your region.

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Absolute 7.1 Release Notes—Documentation Release 5

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